▶ CARD PUNCHING/
DIE CUTTING EQUIPMENT

Card Punching/Die Cutting Equipment provides a cost-effective solution addressing a wide range of applications.

KS 104

CARD BODY MANUFACTURING SYSTEMS

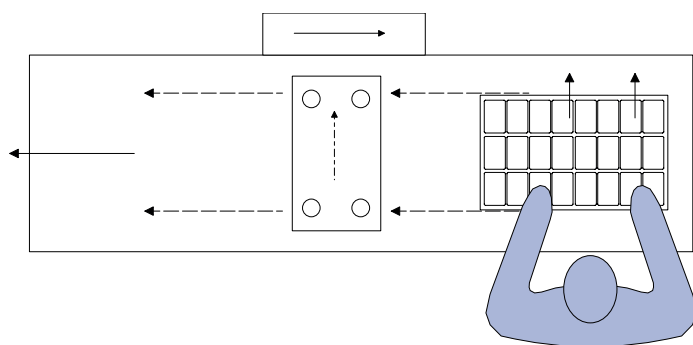## Otto Künnecke

Ideas create solutions

SHEET CARD PUNCHING/DIE CUTTING EQUIPMENT
THE ULTIMATE MACHINERY FOR PLASTIC CARD PRODUCTION
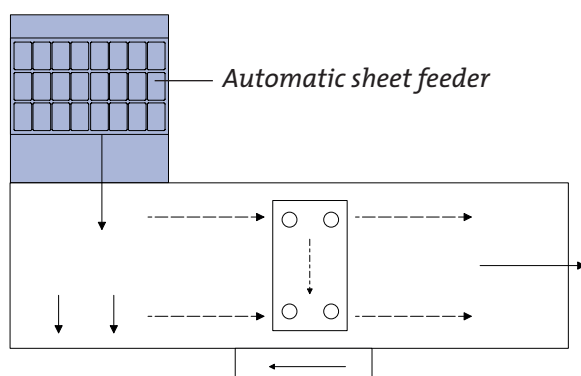

KS 102
SEMI-AUTOMATIC SYSTEM

Designed for efficient and cost effective punching. Operation is simple; individual sheets placed manually on feed table are automatically aligned to print marks in y axis. Then each row of cards is individually aligned (x axis) and punched. As standard, punched cards are delivered directly into magazines.
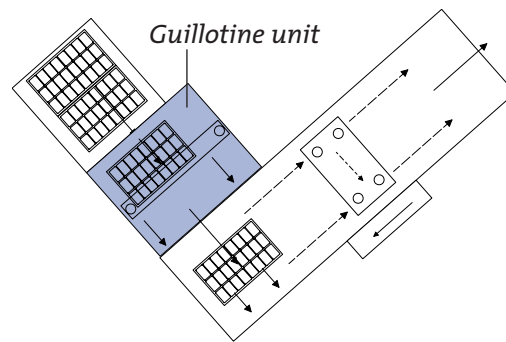

KS 104
FULLY AUTOMATIC SYSTEM

Setting the bench mark in card punching technology with exceptional accuracy, speed and yield. Features our unique sheet feeder enabling fully automatic processing of sheets. As standard, punched cards are delivered directly into magazines.
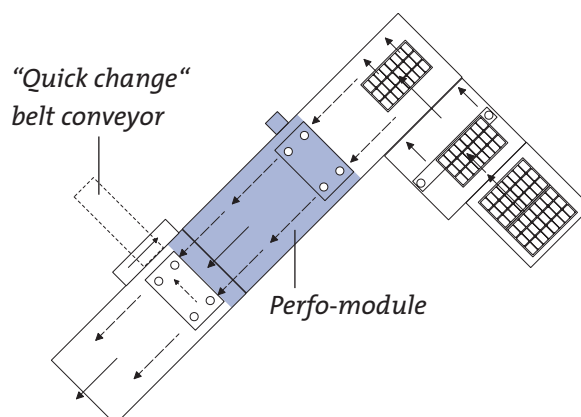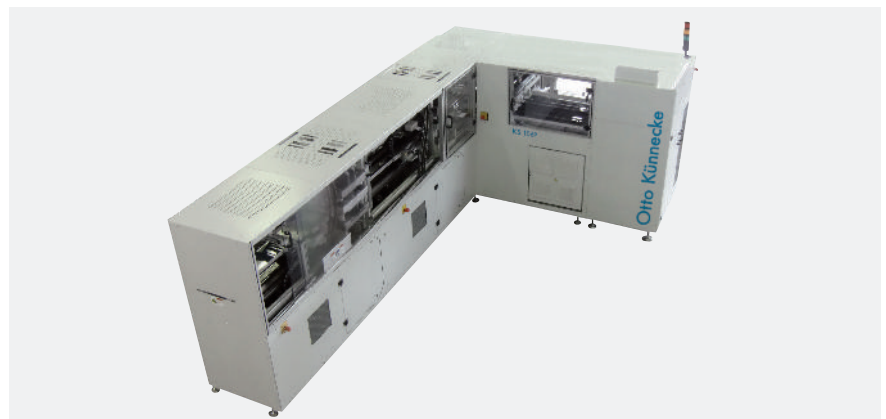

Automatic sheet feeder

KS 106
FULLY AUTOMATIC SYSTEM WITH GUILLOTINE

Designed for large or so called "double-sheet" formats for processing without pre-cutting. Individual sheets are automatically separated from a stack forwarded to a guillotine, registered to print marks and cut in half. Each half sheet is then registered again in y axis before each row of cards is registered (x axis) and punched. As standard, punched cards are delivered directly into magazines.

Guillotine unit

KS 106 PERFO
FULLY AUTOMATIC SYSTEM WITH PERFO MODUL

A unique and flexible punching platform, this progressive punching system provides the capability to punch a wide range of card shapes and card designs with or without snap/perforation. Possibilities include but not limited to, hang tag cards, key fobs, gift cards and many many more. For non-ID1/(CR80) format cards the system is fitted with a conveyor module.

The perfo feature is also available with KS 102 and KS 104.

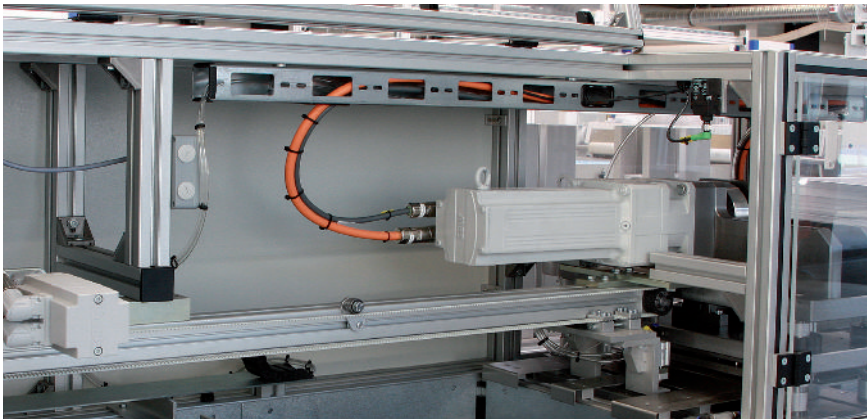"Quick change" belt conveyor

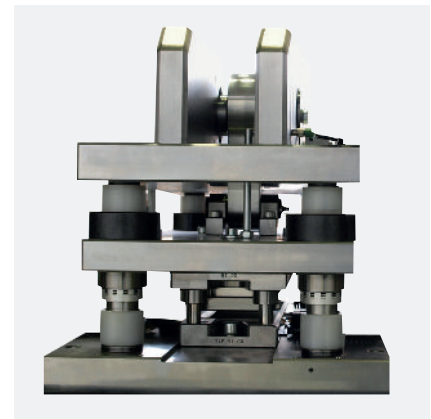Perfo-module

YOUR TASK IS OUR CHALLENGE

The requirements in card production are increasingly sophisticated. Demands for the well established ID-1/(CR80) card in terms of quality and performance are clear, however today there are many other form factors now in use with more on the horizon. Recognising this trend Otto Künnecke card production systems have been developed to provide new and unique features whilst retaining key characteristics ensuring a future proof investment.

· Highest precision
· Highest throughput
· Highest yield
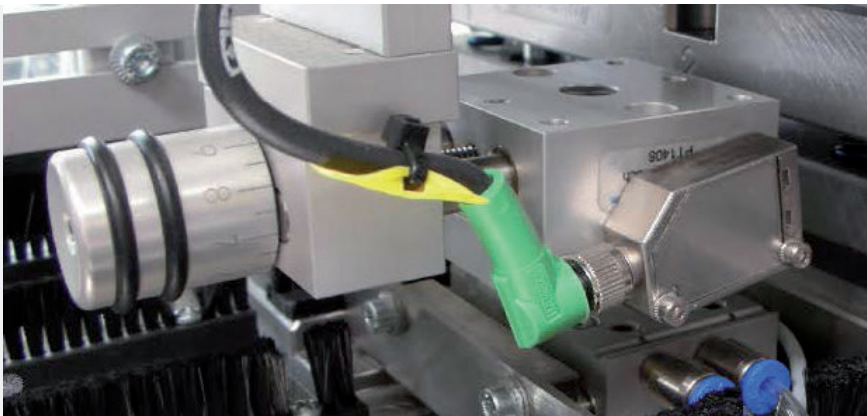· Lowest energy consumption
· No edge trimming required

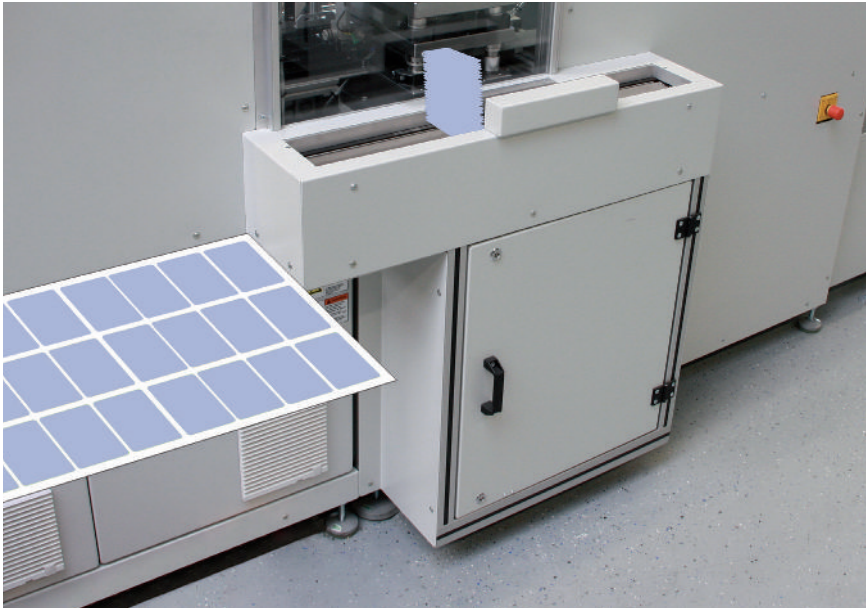AS STANDARD, OTTO KÜNNECKE SHEET CARD PUNCHING SYSTEMS ARE EQUIPPED WITH:

Servo-driven punching units for variable punching speed, minimum energy consumption and lowest noise emission.
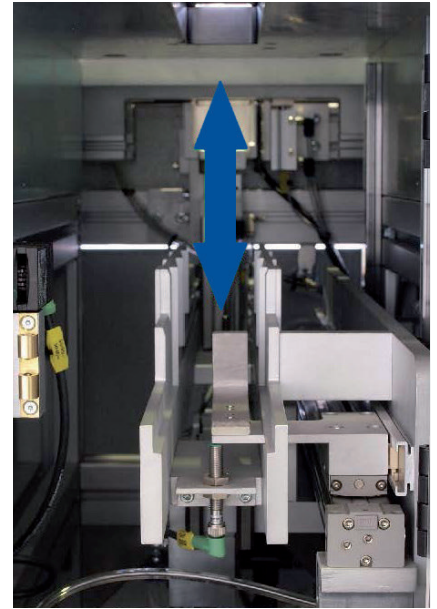

Heavy duty column frame ensuring high quality precision punching by accurate punching tool/die guidance and stability.

High quality direct detecting optical sensors embedded in a stainless steel case using white light registration independent from the print mark colour.

Buffer magazine unit stacks cards automatically. Buffer capacity: 5 magazines in/out. Allows one person to operate two or more systems.

Otto Künnecke punches are equipped with a liftable card handling system for easy access.
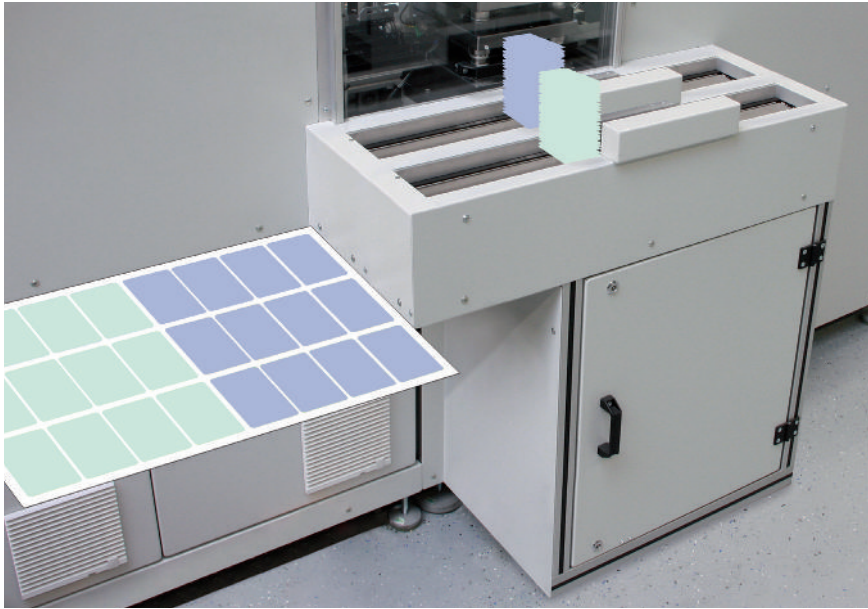

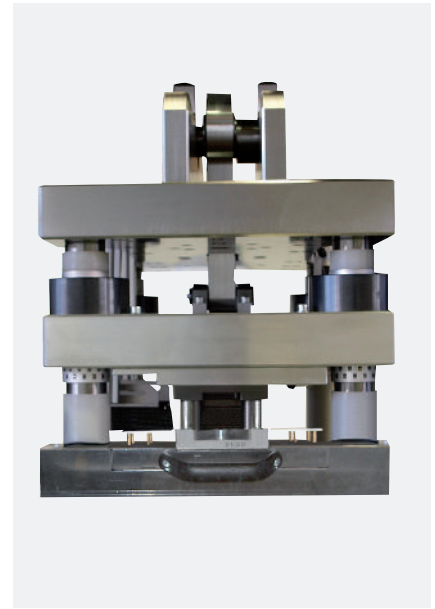*Integrated grid bin on castors allows comfortable waste collection.*

Trolleys for stacking the sheets outside of the machine allowing fast reloading.

FOR ADVANCED PRODUCTION WE OFFER A VARIETY OF OPTIONS:

Sorting option S2: Provides the ability to sort punched cards by rows into separate magazines. Additional sorting by punched rows are available on request.

The optional enlarged column-frame allows punching of "Non-ISO-cards" for example M6-formats or other extra large-cards up to a size of approx. DIN A 4.

Sorting option S3L: Sorting by "columns"; all cards punched by one punching tool/die are stacked into individual magazines.
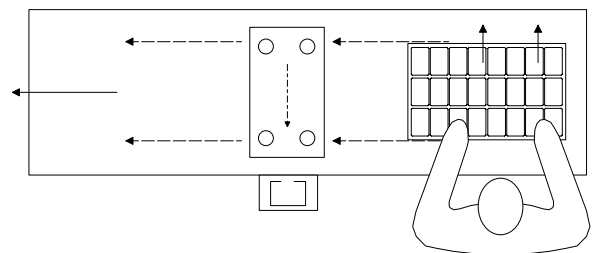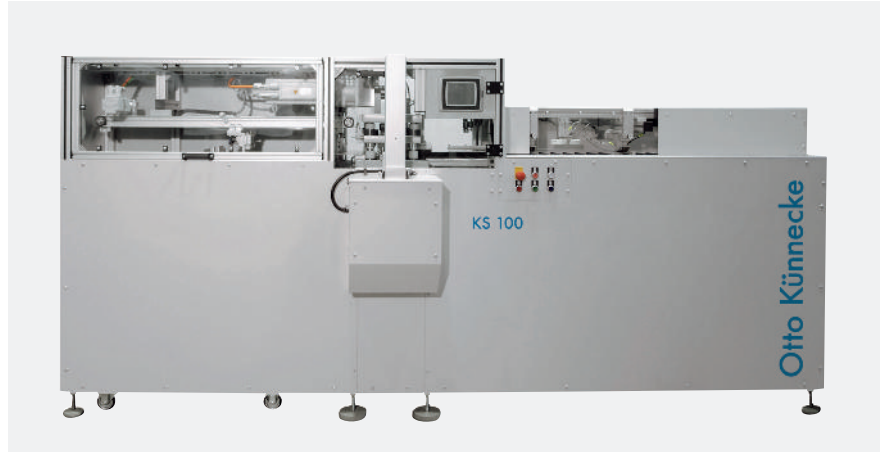

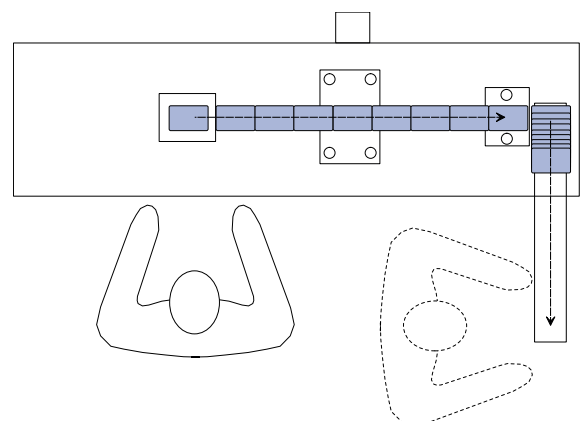*Optional belt outfeed for punched cards which can not be stacked into standard magazines.*

Further options are available on request.

KS 100

SEMI-AUTOMATIC SYSTEM

The economic solution ideal for small volumes or as a back-up system. Individual sheets placed manually on feed table are automatically aligned to print marks in y axis. Then each row of cards is individually aligned (x axis) and punched. Punched cards are delivered into a removable magazine.

SINGLE CARD PUNCHING

SCP 40

SINGLE CARD PUNCHING SYSTEM

Specifically developed for punching holes, shapes, slots, perforations, creases etc. into punched ID-1 (ISO) cards. The SCP 40 is the ideal solution for punching a wide variety of card designs including GSM cards, VISA-Mini cards, MC-Side cards, luggage tag slots, 3-up key tag cards and many more. The machine consists of a manually charged feeder with a capacity of 500 cards. The system has 2 independent processing stations: 1 for punching and 1 for scoring, both driven by a high performance hydraulic unit. Cards are delivered to a belt conveyor.

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